



City of Prince Rupert

The City of Prince Rupert, located along the coastline of Northern British Columbia, boasts a population over 12,000 people and is heralded as a popular tourist destination for travelers looking to experience Canada's natural landscape, vast wildlife and learn more about its aboriginal history. Like most cities, the City of Prince Rupert relies heavily on its infrastructure to continue offering vital city services.



The city needed to upgrade and extend its network infrastructure between City Hall to a remote location across a highway that housed its 911 dispatch centre and fire department. Marko Kessler and Anson Yeung from the City's IT department worked with Blair Shellenberg, Sales Manager at MDT Technical Services Inc. to identify and install the necessary equipment to support the City's critical communications.



The original network infrastructure could no longer handle the bandwidth demands needed to support critical city-services. After further consideration, Blair recommended BridgeWave's license-free GE60 for its ability to provide a highly secure and reliable wireless gigabit network connection. Working together, Kessler and Yeung installed the link in a couple of days and have not touched it since. By employing the GE60 solution, the City realized a significant cost savings by choosing wireless links over leasing fibre services or the construction costs and delays associated with trenching and installing fibre.

In addition to the fibre-equivalent performance, the City required a reliable and durable system to function in extreme weather conditions. Within weeks of deployment, the City of Prince Rupert experienced a violent windstorm with wind gusts of up to 200 km/hr that raced across the region, leaving a trail of destruction in its wake. Despite the disruptions caused by these high winds, the GE60 system was not affected.

CHALLENGES:

- Need for reliable gigabit speed network connection to support critical first-responder communications
- Solution must be durable and reliable to endure extreme weather conditions

BRIDGEWAVE SOLUTION:

- GE60

BENEFITS:

- License-free, wireless solution meant set up in days, not months
- Extra capacity allowed for disaster recovery server to be remotely located

"The BridgeWave product has worked flawlessly for the City in the face of extreme weather conditions including significant rain and wind."

*- Marko Kessler,
Manager of IT Operations
City of Prince Rupert*

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